SEQUENCE LISTING

<110> ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY
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<120> METHODS AND COMPOSITIONS FOR INHIBITION OF BCL6 REPRESSION

<130> 96700/1146

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<141> 2004-12-16

<150> US 60/530,102
<151> 2003-12-16

<160> 34

<170> PatentIn version 3.3

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<211> 17
<212> PRT
<213> Homo sapiens

<400> 1

Leu Val Ala Thr Val Lys Glu Ala Gly Arg Ser Ile His Glu Ile Pro
1               5                   10                  15


Arg



<210> 2
<211> 17
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<213> Homo sapiens

<400> 2

Gly Ile Thr Thr Ile Lys Glu Met Gly Arg Ser Ile His Glu Ile Pro
1               5                   10                  15


Arg



<210> 3
<211> 17
<212> PRT
<213> Homo sapiens

<400> 3

Tyr Arg Ser Glu Ile Ile Ser Thr Ala Pro Ser Ser Trp Val Val Pro
1               5                   10                  15

Gly

<210> 4
<211> 21
<212> PRT
<213> Homo sapiens

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Gly Leu Val Ala Thr Val Lys Glu Ala Gly Arg Ser Ile His Glu Ile
1               5                   10                  15
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Pro Arg Glu Glu Leu
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<210> 5
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<213> Homo sapiens

<400> 5

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1               5                   10                  15
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Pro Arg Gln Asp Ile
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<210> 6
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<400> 6

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1               5                   10                  15
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Pro Gly Pro Ser Pro
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<210> 7
<211> 29
<212> PRT
<213> Homo sapiens

<400> 7

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Gly Leu Val Ala Thr Val Lys Glu Ala Gly Arg Ser Ile His Glu Ile
1               5                   10                  15
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Pro Arg Glu Glu Leu Arg His Thr Pro Glu Leu Pro Leu
            20                  25
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<210> 8
<211> 29
<212> PRT
<213> Homo sapiens

<400> 8

Asp Gly Ile Thr Thr Ile Lys Glu Met Gly Arg Ser Ile His Glu Ile
1               5                   10                  15

Pro Arg Gln Asp Ile Leu Thr Gln Glu Ser Arg Lys Thr
            20                  25

<210> 9
<211> 28
<212> PRT
<213> Homo sapiens

<400> 9

Ile Tyr Arg Ser Glu Ile Ile Ser Thr Ala Pro Ser Ser Trp Val Val
1               5                   10                  15

Pro Gly Pro Ser Pro Asn Glu Glu Asn Asn Gly Lys
            20                  25

<210> 10
<211> 17
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<213> Artificial

<220>
<223> consensus sequence

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<223> amino acid residue is Leu, Gly, or Tyr

<220>
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<223> amino acid residue is Val, Ile, or Arg

<220>
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<222> (3)..(3)
<223> amino acid residue is Ala, Thr, or Ser

<220>
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<223> amino acid residue is Thr or Glu

<220>
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<223> amino acid residue is Val or Ile

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<222> (7)..(7)
<223> amino acid residue is Glu or Ser

<220>
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<222> (8)..(8)
<223> amino acid residue is Ala, Met, or Thr

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<223> amino acid residue is Gly or Ala

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<223> amino acid residue is Arg or Pro

<220>
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<223> amino acid residue is Ile or Ser

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<223> amino acid residue is His or Trp

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<223> amino acid residue is Arg or Gly

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Leu Val Ala Thr Val Lys Glu Ala Gly Arg Ser Ile His Glu Ile Pro
1               5                   10                  15

Arg

<210> 11

<211> 129
<212> PRT
<213> Homo sapiens

<400> 11

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Met Ala Ser Pro Ala Asp Ser Cys Ile Gln Phe Thr Arg His Ala Ser
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Asp Val Leu Leu Asn Leu Asn Arg Leu Arg Ser Arg Asp Ile Leu Thr
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Asp Val Val Ile Val Val Ser Arg Glu Gln Phe Arg Ala His Lys Thr
            35                  40                  45

Val Leu Met Ala Cys Ser Gly Leu Phe Tyr Ser Ile Phe Thr Asp Gln
        50                  55                  60

Leu Lys Cys Asn Leu Ser Val Ile Asn Leu Asp Pro Glu Ile Asn Pro
65                  70                  75                  80

Glu Gly Phe Cys Ile Leu Leu Asp Phe Met Tyr Thr Ser Arg Leu Asn
                85                  90                  95

Leu Arg Glu Gly Asn Ile Met Ala Val Met Ala Thr Ala Met Tyr Leu
            100                 105                 110

Gln Met Glu His Val Val Asp Thr Cys Arg Lys Phe Ile Lys Ala Ser
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Glu
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<210> 12
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<213> Artificial

<220>
<223> synthetic mutant

<400> 12

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Leu Leu Asn Leu Asn Arg Leu Arg Ser Arg Asp Ile Leu Thr Asp Val
            20                  25                  30

Val Ile Val Val Ser Arg Glu Gln Phe Arg Ala His Lys Thr Val Leu
        35                  40                  45
```

```
Met Ala Cys Ser Gly Leu Phe Tyr Ser Ile Phe Thr Asp Gln Leu Lys
    50                  55              60


Arg Asn Leu Ser Val Ile Asn Leu Asp Pro Glu Ile Asn Pro Glu Gly
65              70              75              80


Phe Asn Ile Leu Leu Asp Phe Met Tyr Thr Ser Arg Leu Asn Leu Arg
            85              90                  95


Glu Gly Asn Ile Met Ala Val Met Ala Thr Ala Met Tyr Leu Gln Met
            100             105             110


Glu His Val Val Asp Thr Cys Arg Lys Phe Ile Lys Ala Ser Glu
        115             120             125
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<210> 13
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<220>
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<400> 13
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agctgcggca cacgcccgag ctgccccctgg ccc                                    93


<210> 14
<211> 93
<212> DNA
<213> Artificial

<220>
<223>   oligonucleotide for plasmid construction

<400> 14
tcgagggcca ggggcagctc gggcgtgtgc cgcagctcct cgcgcgggat ctcatggatg        60

gagcggcccg cctccttcac cgtggccacc agc                                     93


<210> 15
<211> 93
<212> DNA
<213> Artificial

<220>
<223>   oligonucleotide for plasmid construction

<400> 15
catggctggt ggccacggtg aaggaggcgg ccgctccat ccatgcagct gcagctgagg        60

agctgcggca cacgcccgag ctgccccctgg ccc                                    93

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<210>  16
<211>  93
<212>  DNA
<213>  Artificial

<220>
<223>  oligonucleotide for plasmid construction

<400>  16
tcgagggcca ggggcagctc gggcgtgtgc cgcagctcct cagctgcagc tgcatggatg      60

gagcggcccg cctccttcac cgtggccacc agc                                   93


<210>  17
<211>  20
<212>  DNA
<213>  Artificial

<220>
<223>  primer

<400>  17
catcctgggc cattacctta                                                  20


<210>  18
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<400>  18
tctctctctg catcttgggg                                                  20


<210>  19
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<220>
<223>  primer

<400>  19
gactctgaag agccacctgc                                                  20


<210>  20
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<223>  primer

<400>  20
ctggcttttg tgacggaaat                                                  20


<210>  21
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<211>   20
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<220>
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ccggacctaa tccctcactc                                                      20


<210>   22
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<400>   22
cacaccgatg cagctttcta                                                      20


<210>   23
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<400>   23
aaaggaaccc cacgaagtgt t                                                    21


<210>   24
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<220>
<223>   primer

<400>   24
tcaagggcat atcctacaac aa                                                   22


<210>   25
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<400>   25
acgatgctgg gtcaggtatc                                                      20


<210>   26
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```
<220>
<223>   primer

<400>   26
agtgactagg gcgctgtgtt                                        20


<210>   27
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<220>
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<400>   27
gggttcttag aagtggtgat gc                                     22


<210>   28
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<213>   Artificial

<220>
<223>   primer

<400>   28
tgggactaat cttcggcatt                                        20


<210>   29
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<212>   DNA
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<220>
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<400>   29
cgatgaggag tttcgggatg t                                      21


<210>   30
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<212>   DNA
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<400>   30
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<210>   31
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<212>   PRT
<213>   Homo sapiens

<400>   31
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Cys Ala Ile Tyr Arg Ser Glu Ile Ile Ser Thr Ala Pro Ser Ser Trp
1               5               10              15

Val Val Pro Gly Pro Ser Pro Asn Glu
            20              25

<210>   32
<211>   17
<212>   PRT
<213>   Homo sapiens

<400>   32

Arg Ser Glu Ile Ile Ser Thr Ala Pro Ala Ser Ala Val Ala Pro Gly
1               5               10              15

Pro


<210>   33
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<212>   PRT
<213>   Homo sapiens

<400>   33

Arg Ser Glu Ile Ile Ser Thr Ala Pro Trp Ser Ser Val Val Pro Gly
1               5               10              15

Pro


<210>   34
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<213>   Homo sapiens

<400>   34

Arg Ser Glu Ile Ile Ser Thr Ala Pro Ser Ser Trp Val Val Pro Gly
1               5               10              15

Pro